

CLAIMS

- 5 1. Formwork for cylindrical columns, of the type including an annular body made of rigid plates, in plasticised wood, rigid plastic or the like, conveniently fixed in such a way that said annular body adopts, in use, the section corresponding to the column to be obtained,
characterized in that said rigid plates constituting the annular body (1) are made of
10 laminates (2) having a reduced width, more reduced when greater is the degree of proximity of the formwork to the perfect cylinder, said laminates (2) being fixed to each other to configure said annular body with the help of an external envelope (3) made of a glass fibre mesh rolled up helicoidally on said annular body, while said
15 annular body (1) receives innerly a self-adhesive film (4) covering continuously the whole inner surface of all the laminates (2) in order to provide the formwork with an appropriate tightness.
- 2 Formwork for cylindrical columns according to claim 1, characterized in that optionally, in order to provide the formwork with a complete formal stability
20 when handling the same in an empty state, a plurality of belts or bands (5) are established on the envelope (3) made of glass fibre mesh, conveniently distributed along the formwork and made of a rigid material such as, for instance, metal or expanded polystyrene.
- 25 3. Formwork for cylindrical columns according to claim 1, characterized in that optionally, in order to provide the formwork with a complete formal stability when handling the same in an empty state, a tubular body (6) made of expanded polystyrene, acting as a stiffening element, is established between the annular body (1) made of rigid laminates (2) and the envelope (3) made of glass mesh.
- 30 4. Formwork for cylindrical columns according to claim 1, characterized in that said annular body made of plasticised wood, rigid plastic or the like, is formed by a plate (7), initially flat, having a length according to the height of the column to be obtained and a width according with the diameter of said column, said plate (7) being
35 affected by a plurality of longitudinal cuts or slots (9) open towards their outer side (10) and defining in said plate (7) some lines (11) remarkably weakened, allowing the deformation of said plate in order to change its original flat configuration into a cylindrical, tubular configuration, according to the column to be obtained.

5. Formwork for cylindrical columns according to claim 4, characterized in said plate is helped by two end rigid rings (12), having a "U" section, defining each one of them an annular groove (13) which receives in its interior the corresponding end of the plate (7), by means of which the perfect cylindrical shaping of said plate (7), and consequently of the formwork as a whole, is assured.

6. Formwork for cylindrical columns according to claim 5, characterized in that the lateral branches of the rings (12) having a "U" profile are asymmetric, in order to facilitate the positioning inside the groove (13) of the corresponding end of plate (7) and hence the cylindrical shaping of said plate.

7. Formwork for cylindrical columns according to any of the preceding claims, characterized in that it is included, as an outer stiffening envelope (3), a self-adhesive tape having a plurality of glass fibre threads (17), disposed longitudinally and evenly distributed, in such a way that said band is fixed to the rest of the structure of the formwork due to its self-adhesive condition, with an helicoidal path and preferably with a partial overlap of the same, in such a form that the fibres are in a substantially transversal position with respect to the imaginary axis of the formwork.

8. Formwork for columns according to any preceding claim, characterized in that said self-adhesive tape (14) consists in a support (15) made of a sheet of paper or the like, including in one of its sides a layer (16) of self-adhesive glue wherein the glass fibre threads (17) are embedded.